

Applicant : Riccardo Dalla Favera  
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**Amendments to the claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of claims:**

1-25. (withdrawn)

26-32. (canceled)

33-42. (withdrawn)

43. (original) An antibody directed to a purified IRTA protein selected from the group consisting of human IRTA1, IRTA2, IRTA3, IRTA4 and IRTA5.

44. (original) The antibody of claim 43, wherein the IRTA protein is human IRTA protein.

45. (amended) The antibody of claim 43, wherein the antibody is a monoclonal antibody ~~or a polyclonal antibody~~.

46. (amended) The antibody of claim 43, wherein the ~~monoclonal~~ antibody is a murine monoclonal antibody or a humanized monoclonal antibody.

47. (amended) The antibody of claim 43, wherein the antibody is conjugated to a therapeutic agent, ~~wherein the therapeutic agent is selected from the~~

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~~group consisting of a radioisotope, a toxin, a  
toxoid or a chemotherapeutic agent.~~

48-68. (canceled)

69. (new) The antibody of claim 43, wherein the antibody  
is a polyclonal antibody.

70. (new) The antibody of claim 47, wherein the  
therapeutic agent comprises a radioisotope, a toxin  
or a chemotherapeutic agent.